

The Honorable John C. Coughenour

UNITED STATES DISTRICT COURT
WESTERN DISTRICT OF WASHINGTON
AT SEATTLE

REBECCA COUSINEAU, individually on her own behalf and on behalf of all others similarly situated,) No. 11-cv-01438-JCC
Plaintiff,) MICROSOFT'S OPPOSITION TO MOTION FOR CLASS CERTIFICATION
v.) **Note on Motion Calendar:**
MICROSOFT CORPORATION, a Delaware corporation,) November 8, 2013
Defendant.) **Oral Argument Requested**

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I. INTRODUCTION

Rebecca Cousineau offers no evidence to suggest her Windows Phone 7 device actually transmitted any location data to Microsoft without her consent—and no way to determine whether any other person’s phone did either. The Court should deny her Motion for Class Certification.

Ms. Cousineau filed this action a day after hearing about unexpected behavior in the Windows Phone 7 Camera application. Her Complaint focused on allegations Microsoft collected location information through the Windows Phone 7 Camera application and used that information to “track” users without their consent. The Court denied Microsoft’s Motion to Dismiss Ms. Cousineau’s Stored Communications Act (“SCA”) claim to allow her the opportunity to explore that “tracking” concern in discovery. Order [Dkt. 38] at 12; Order [Dkt. 47] at 3-4.

Discovery debunked her claim. Even in the unusual cases where a Windows Phone 7 device did transmit location data without express user consent, Microsoft **never** used the data to track any Windows Phone 7 user. In fact, Ms. Cousineau’s Motion admits Microsoft discarded all identifying data **before** its servers collected location information, making the data anonymous and precluding even the possibility of tracking. Discovery also showed the unexpected transmission of location information could occur only if the user opened the Camera application under a combination of user-specific circumstances. As a result, it is impossible to tell which, if any, Windows Phone 7 users unwittingly transmitted location data. Further, Microsoft corrected the Camera’s behavior in a free software update made available four weeks after Ms. Cousineau sued.

Faced with these undisputed facts, Ms. Cousineau no longer seeks to certify a class to pursue an SCA claim premised on Microsoft’s alleged collection of location data. Instead, she asks the Court to certify a class to pursue a different claim, asserting Microsoft violated the SCA because one component of the Windows Phone 7 software on her phone (the Camera application) might unexpectedly request a location fix from another component of the software on her phone (the location framework)—even though the location framework could resolve the request using data already on the phone without transmitting *any* information off the device to Microsoft or anyone else. Ms. Cousineau thus asks the Court to certify a class to pursue an unpledged claim

1 having nothing to do with Microsoft's alleged collection of location data, nothing to do with
 2 "tracking," and nothing to do with alleged privacy invasions.

3 Ms. Cousineau cannot satisfy the Rule 23 requirements for class certification.

4 **First**, Ms. Cousineau cannot show common questions predominate or a class action would
 5 be superior. She tacitly concedes the SCA claim she pleaded raises unresolvable individual issues
 6 as to whether any given Windows Phone 7 user had location data unexpectedly transmitted to
 7 Microsoft—and the law forbids her tactic of sidestepping that problem by seeking certification of
 8 a class to pursue a different SCA claim, which she never pleaded in any of her four complaints. In
 9 any event, Ms. Cousineau's new and unpleaded SCA theory has no support in the law, and
 10 certifying a class to pursue it would be an exercise in futility.

11 **Second**, Ms. Cousineau fails to meet her obligation to prove she has a manageable way to
 12 ascertain who belongs within her proposed class. She points to no objective source from which
 13 the Court might determine class membership. Instead, she proposes to ascertain class membership
 14 by asking hundreds of thousands of people to recall not just whether they bought a Windows
 15 Phone 7, but specific facts about which smartphone software version they used in 2010 and 2011,
 16 and exactly how they used their phone's Camera and location services in that time frame. But
 17 even Ms. Cousineau's survey expert admits this process would be unreliable. In fact, neither Ms.
 18 Cousineau nor her source code expert could recall whether they used their Windows Phones so as
 19 to meet the class criteria. Ms. Cousineau also fails to show a numerosus class: her survey expert
 20 admits he has no information from which one could infer how many Windows Phone 7 users meet
 21 the proposed criteria for class membership based on their behavior in 2010 and 2011.

22 **Third**, Ms. Cousineau fails to satisfy the typicality requirement. Ms. Cousineau sued to
 23 prosecute a claim focused on alleged location tracking in violation of her privacy; the purely
 24 technical claim for which her lawyers now seek certification, however, has nothing to do with her
 25 core concerns of tracking and privacy violations. Further, Ms. Cousineau's testimony subjects her
 26 to individual defenses, which might cause her to lose on grounds not applicable to the proposed
 27 class as a whole. Under settled law, she cannot satisfy Rule 23(a)(3)'s typicality requirement.

II. FACTUAL BACKGROUND

This case revolves around location services, which Microsoft makes available to users of its Windows Phone 7 operating system. As one Microsoft witness explains:

Most modern smartphones offer users the opportunity to take advantage of location services, which use the device's location to deliver improved services and experiences to users. For example, location data makes it possible to provide mapping and navigation services, to facilitate delivery of more relevant search results, to provide information such as local movie options and directions to the nearest restaurant or coffee shop, and to allow a user to find nearby friends.

Del Amo Casado Decl. ¶ 3. Windows Phone 7 generally accesses location services **only** if the user leaves a master location switch “on” within the Settings menu. *Id.* ¶ 4; Lemson Decl. [Dkt. 23] ¶ 3, 4 & Exs. A, B, C (depicting master location services switch in Windows Phone 7 Settings). If the user turns location services “off,” applications on the phone (other than the Find My Phone application) cannot access the user’s current location. Del Amo Casado Decl. ¶ 4. And even if the user leaves the master switch “on” within the software’s Settings, the user still can block the use of location services by a particular application, such as Maps or Camera. *See id.*; TAC, Ex. A [Dkt. 64-1] at 4-5.

A. Ms. Cousineau’s Allegations

Ms. Cousineau’s Third Amended Complaint (“TAC”) [Dkt. 64], like the three pleadings before it, revolves around unexpected behavior concerning requests for location services by the Camera application (and **only** the Camera application) in the Windows Phone 7 operating system. If a user left the master location services switch “on” in Windows Phone 7’s Settings, a dialogue box containing the following text appeared the first time the user opened the Camera application:

Allow the camera to use your location?

Sharing this information will add a location tag to your pictures so you can see where your pictures were taken. This information also helps us provide you with improved location services. We won’t use the information to identify or contact you.

Privacy Statement.

TAC [Dkt. 64] ¶ 4. The dialogue box gave the user the option to “allow” or “cancel.” *Id.* But because obtaining location data can take up to 45 seconds (longer than many Camera users will wait before taking a picture), the Camera application requested location data through the Windows Phone 7 software as soon as the user opened the application, without awaiting the user’s response,

1 to maximize the chance location data would be available *if* the user chose to “add a location tag”
 2 to photos. Lydick Decl. ¶ 2; Lydick Dep. 117:7-11 (Rummage Decl. Ex. 4). But the Camera
 3 application would use location by adding a tag to photos only if the user chose “allow.” *Id.*

4 Ms. Cousineau’s TAC alleges she hit “cancel” when asked whether to “Allow the camera
 5 to use your location?” TAC [Dkt. 64] ¶ 32. She alleges the Camera application’s subsequent calls
 6 for location resulted in the device transmitting her location data to Microsoft’s servers against her
 7 wishes, where Microsoft “recorded, on a frequent basis, the approximate latitude and longitude
 8 coordinates of her device,” among other data. *Id.* ¶ 33. She claims “Microsoft consciously
 9 designed its OS to siphon geographic location information from the device revealing the user’s
 10 specific whereabouts and transmit this data to Microsoft’s servers.” *Id.* ¶ 1. And she avers
 11 “Microsoft designed its camera application to regularly transmit its users’ geolocation information
 12 to Microsoft’s servers.” *Id.* ¶ 6. *See id.* ¶¶ 16, 24, 26, 30 (all referring to transmission to servers).
 13 She alleges Microsoft therefore violated the SCA by “collecting location data from the stored file
 14 on [her] mobile device[] through the camera application, despite the fact that [she] expressly
 15 denied Microsoft access to that information.” *Id.* ¶¶ 46, 47.¹

16 The TAC identifies a proposed class to pursue this theory of unlawful transmittal and
 17 collection of location data, defined to consist of users “who, prior to August 31, 2011, denied their
 18 Windows Phone 7 camera application access to their location information, and unwittingly had
 19 their geolocation data transmitted to Microsoft’s servers.” TAC [Dkt. 64] ¶ 34. *See also* Compl.
 20 [Dkt. 1] ¶ 28 (class of users who “unwittingly had their geolocation data transmitted to
 21 Microsoft’s servers”); Am. Compl. [Dkt. 19] ¶ 34 (same); SAC [Dkt. 49] ¶ 38 (“Tracking Class”
 22 of users who “had their geolocation data transmitted to Microsoft’s servers”). Ms. Cousineau’s
 23 SCA claim thus focuses on the unwitting transmission of location data to Microsoft’s servers.
 24

25 ¹ Ms. Cousineau’s Complaint and Amended Complaint also alleged violations of the Wiretap Act, the Washington
 26 Privacy Act, and the Washington Consumer Protection Act (“CPA”), and asserted unjust enrichment. *See* Compl.
 27 [Dkt. 1]; Am. Compl. [Dkt. 19]. After the Court dismissed these claims, Dkt. 38, Ms. Cousineau filed a Second
 Amended Complaint, in which Sam Dua, who bought the phone for her, asserted a CPA claim, along with claims for
 unjust enrichment and trespass to chattels. *See* SAC [Dkt. 49] ¶¶ 53-95. After her initial discovery showed Mr. Dua’s
 claims to be groundless, Ms. Cousineau filed the TAC [Dkt. 64], which dropped Mr. Dua and his claims.

1 **B. Windows Phone 7 Location Services**

2 In fact, a Windows Phone 7 Camera application's request for location *may or may not*
 3 result in transmitting data to Microsoft—and no one can tell whether the device transmitted
 4 location data to Microsoft in any given instance.

5 Ms. Cousineau's Motion admits this dispositive point. The Windows Phone 7 software
 6 resolves location requests from all applications, including the Camera, through a software
 7 component known as location framework. Mot. 5:12-14. Ms. Cousineau admits location
 8 framework resolves those location requests, if possible, by *first* accessing information already on
 9 the user's device, without transmitting *any* information to Microsoft's servers. Thus, if an
 10 application requests location data from the location framework (such as, for example, to assist in
 11 resolving a request for directions in the Maps application), the framework "would always look
 12 first to the device's RAM," i.e., random access memory stored on the phone, to resolve the
 13 request. Mot. 6:12-13 (citing del Amo Casado Tr. 100:3-17; Snead Rpt. 13²). Microsoft designed
 14 Windows Phone 7 so location framework can "resolve a User's location (including when
 15 responding to location requests from Camera) *without any external communications* or network
 16 connectivity." Mot. 14:17-20 (citing del Amo Casado Tr. 84:17-25, 100:3-101:13, 105:20-106:2)
 17 (emphasis added). The location framework in Windows Phone 7 sends a location request to
 18 Microsoft's servers (and transmits location data along with that request) *only* "[i]f the stored data
 19 [on the phone] was insufficient to resolve the User's location." Mot. 6:14 (citing del Amo Casado
 20 Tr. 105:4-106:12; Snead Rpt. at 13). As a result, even if the Camera application contacts the
 21 location framework (on the phone) and requests a location fix, *no one can tell* whether the phone
 22 sends the request to Microsoft's servers, along with the data necessary to resolve the request—or
 23 whether it resolves location by accessing data already stored in the phone's RAM. Snead Dep.
 24 43:2-13 (Rummage Decl. Ex. 11) ("I don't think there is a difference to the end user.").³

25 ² Microsoft is generally not re-filing material previously filed by Ms. Cousineau with her Motion, most of which is
 26 attached to the Balabanian Declaration [Dkt. 72]. For the Court's convenience, however, Microsoft will include in the
 27 Court's working binder factual material cited in this Opposition but filed by Ms. Cousineau. Factual materials *not*
 previously filed—including excerpts from the depositions of Ms. Cousineau, her employer (Mr. Dua), and her
 experts—are attached to the Rummage Declaration, filed along with this Opposition.

³ Location data can be stored on the device in several scenarios. For example, if a user enables Find My Phone—an
 application that allows a user to locate her phone if she misplaces it—the device downloads and stores location data

1 A Windows Phone 7 device also may transmit location data to Microsoft’s servers when
 2 crowd sourcing location data, a process through which Microsoft improves its location database
 3 by adding location data for WiFi access points and cell towers. Crowd sourcing may occur when
 4 Windows Phone 7 obtains a GPS (“global positioning service”) fix associated with WiFi access
 5 points or cell towers. The phone collects the GPS data (latitude, longitude, and altitude) and stores
 6 it in the phone’s RAM along with the “‘observations’ … of ‘visible cellular /Wi-Fi beacons in a
 7 given geographical area at a given time.’” Mot. 4:11-12 (quoting Snead Rpt. 7-8). At opportune
 8 times—such as when the device has a WiFi connection or is transmitting another location request
 9 to Microsoft’s servers—the device may upload the observations to Microsoft’s location services
 10 database, “adding new data points and improving Microsoft’s location services.” Mot. 4:14-15
 11 (citing del Amo Casado Tr. 47:3-50:14; Deo Dep. 85:19-87:25; Snead Rpt. 8). But if the phone
 12 never obtains a GPS fix (because, for example, the device is indoors or in an “urban canyon”
 13 surrounded by tall buildings), it cannot collect observations. Del Amo Casado Decl. ¶ 17.
 14 Further, even if the phone obtains GPS location data for crowd sourcing, it may never transmit the
 15 data to Microsoft’s servers. If the user turns off the phone, runs down its battery, has a service
 16 interruption, or fills RAM with new data before uploading the crowd sourced data to Microsoft’s
 17 servers, the phone never transmits the stored observations. *Id.* ¶ 18. As a result, ***no one can tell*** if
 18 a particular request for location results in crowd sourced location observations being sent to
 19 Microsoft’s servers. *Id.* See also Snead Dep. 77:15-20 (Rummage Decl. Ex. 11).

20 Finally, even when a device transmits information to Microsoft’s servers, it never “tracks”
 21 any user’s location.⁴ For a few months after the release of Windows Phone 7 (but before Ms.
 22 Cousineau received her phone), Microsoft collected unique device identifiers along with location
 23

24 on the device every few hours. Del Amo Casado Decl. ¶ 13. Similarly, if a user gets directions through the Maps
 25 application, the device downloads and stores location information throughout the user’s trip. *Id.* ¶ 11. In either case,
 the stored location information becomes available to resolve later location requests by other applications, including
 the Camera—without transmitting data to Microsoft servers. Snead Rep. [Dkt. 76] 6:23-7:4 & Exs. D-B-3, D-B-4.

26 ⁴ Ms. Cousineau’s Opposition to Microsoft’s Motion to Dismiss repeatedly (and unjustly) accused Microsoft of
 “tracking” her location and concluded with the request that the Court deny the Motion to “allow for discovery into
 Microsoft’s clandestine tracking operations.” Opp. to MTD [Dkt. 25] 23:1-2. Ms. Cousineau’s Motion for Class
 Certification, on the other hand, does not use the word “tracking” even once to describe Microsoft’s location services.
 The omission is not accidental: the so-called “tracking” never happened.

1 requests, which it stored in its server logs for a brief period of time. But it never associated any
 2 **user** with a location. Further, as a result of an internal privacy review, Deo Dep. 58:8-22, by May
 3 2011 (again, before Ms. Cousineau received her Windows Phone) Microsoft no longer collected
 4 any device identifiers at all. When location data comes to Microsoft's servers, the location service
 5 will "parse the request to remove ... unique device identifiers and then send the remainder of the
 6 request to" the servers, making the location data purely anonymous. Deo Dep. 64:15-19
 7 (Rummage Decl. Ex. 6). Microsoft discards identifying "information ... right when we receive[]
 8 it on the service side." *Id.* 49:25-50:2. At the same time in May 2011 Microsoft purged all device
 9 identifiers from its server logs, Mot. 5:21-25 n.8, so no one could connect any phone to a location.

10 C. Microsoft's Resolution of the Camera Behavior

11 Four weeks after Ms. Cousineau sued, Microsoft posted an **IMPORTANT NOTICE** at
 12 the top of the privacy policy on the Windows Phone website. Rummage Decl. ¶ 2. (Every
 13 Windows Phone 7 links to this policy. Lemson Decl. [Dkt. 23] ¶ 5.) In this notice, Microsoft told
 14 users it "identified an unintended behavior in the Windows Phone 7 software that results in
 15 information about nearby Wi-Fi access points and cell towers being periodically sent to Microsoft
 16 when using the Camera application." Rummage Decl. Exs. 1, 2. It reminded users they could
 17 "always disable all access to location information by applications and collection of location
 18 information by the Windows Phone location service at any time by going to **Settings>Location**
 19 and toggling the location switch to **OFF**." *Id.* The **IMPORTANT NOTICE** told users "[t]he
 20 Windows Phone 7.5 update eliminates this unintended behavior by the Camera application." *Id.*

21 On September 27, 2011, the same day it posted the **IMPORTANT NOTICE**, Microsoft
 22 released the free Windows Phone 7.5 update eliminating the unexpected behavior. Lee Decl. ¶ 3.
 23 After a user installed this free software update, the Camera called for location **only** if the user
 24 chose "allow" when presented with the dialogue box. Lydick Decl. ¶ 3.

25 D. Ms. Cousineau's Conflicting Testimony

26 On August 30, 2011, Ms. Cousineau learned of the unexpected behavior in the Windows
 27 Phone 7 Camera application from her employer, Sam Dua, after he heard about it from a lawyer at

1 Edelson LLC. Dua Dep. (3/13) 20:23-21:14 (Rummage Decl. Ex. 7). He called Ms. Cousineau
 2 and “first asked her if she was aware that somebody could be following her location simply based
 3 on pictures that she was taking.” Dua Dep. (8/1) 7:21-23 (Rummage Decl. Ex. 8). Mr. Dua told
 4 her “there was a possibility that there was a problem with the camera phone, and it was tracking.”
 5 Cousineau Dep. (8/1) 7:13-14 (Rummage Decl. Ex. 10). To Ms. Cousineau, that meant Microsoft
 6 knew “precisely where I was at, at exactly precisely the time and place.” *Id.* 9:7-12. She wanted
 7 to prevent that: “I don’t want everybody to know where I’m at.” Cousineau Dep. (3/13) 14:24-
 8 15:3 (Rummage Decl. Ex. 9). She signed an engagement letter with her lawyers that day, *id.*
 9 10:16-11:6, and the next day, she sued.⁵ (Ms. Cousineau did not talk with her lawyers until about
 10 18 months later. *Id.* 29:5-13.) Despite her professed concern over privacy, Ms. Cousineau took
 11 no steps to avoid transmission of her location data: she “took pictures,” despite believing “taking
 12 pictures would continue to transmit tracking information or location information.” *Id.* 51:14-18.

13 Ms. Cousineau has no evidence she was subjected to the Camera behavior described
 14 above. She was unable even to say she hit “cancel” when asked “Allow the Camera to use your
 15 location?” Instead, Ms. Cousineau said she became “frustrated” because the request for consent
 16 “repeatedly” appeared when she opened the Camera, and she became “tired of seeing it keep
 17 popping up on my phone.” Cousineau Dep. (3/13) 52:16-20, 53:14-16, 54:6-7. *See also* Dua Dep.
 18 (8/1) 9:4-7. “[I]t just seemed like every time I used the phone it kept throwing that [i.e., the
 19 consent dialogue] up at me and I just kept having to hit no.” Cousineau Dep. (8/1) 9:23-25. But if
 20 Ms. Cousineau *actually* hit “cancel” (or “no”) in an effort to deny the Camera application access
 21 to her location, Windows Phone 7 would have saved her selection, and the consent question never
 22 would have reappeared. Lydick Decl. ¶ 4; Snead Report [Dkt. 76] 11:16 (“the user’s choice, allow
 23 or cancel, is saved on the mobile device”). The *only* explanation for the reappearance of the
 24 question is that **Ms. Cousineau did not hit “cancel” at all**; instead, she dismissed the question by

25 ⁵ In an effort to suggest Ms. Cousineau engaged in deliberation before suing, the Complaint alleges “[t]hrough her
 26 attorneys, Plaintiff has retained an independent security expert to investigate whether Microsoft collects location
 27 information from Windows Phone users without consent.” Compl. [Dkt. 1] ¶ 22. But the attached report of the
 “independent security expert” reflects testing on June 28, 2011—two months before Ms. Cousineau even knew about
 the issue. *See* Compl. Ex. B [Dkt. 1-2]. Mr. Dua confirmed the expert was already hired before Ms. Cousineau had
 any communication with the lawyers. Dua Dep. (8/1) 10:1-6, 11:9-10. Mr. Dua had sourced plaintiffs for the Edelson
 firm before, including in one case in which he sought \$15,000 in fees. Dua Dep. (3/13) 6:2-10:23, 12:21-18:6.

1 pressing the back (“←”) button—without choosing “cancel,” contrary to what her Motion (and
 2 TAC) asserts. *See* Lydick Decl. ¶ 4; Lydick Dep. 76:18-22; 77:7-14. And when asked
 3 specifically whether she “hit the word cancel or ... hit the little back arrow button at the bottom of
 4 the phone,” Ms. Cousineau testified, “I don’t recall.” Cousineau Dep. (8/1) 10:2-5.

5 Further, Ms. Cousineau gave conflicting testimony as to the master location switch on her
 6 phone. In deposition, Ms. Cousineau turned on her phone, navigated to the Settings, and testified
 7 the master switch was “off.” Cousineau Dep. (3/13) 42:4-17. At first, she said she turned off the
 8 switch herself, *id.* 42:18-19; later, she testified she “never messed with the settings” and was **not**
 9 responsible for turning “off” the location switch. *Id.* 43:14-15. (Her lawyers also denied altering
 10 the phone’s location settings and confirmed they instructed their experts at Sylint—misspelled as
 11 “silent”—not to do so. *Id.* 59:19-60:12.) Ms. Cousineau had no knowledge of when the master
 12 location switch had been turned off. *Id.* 61:10-61:18. In written discovery, she even said it would
 13 be “unduly burdensome” to require her “to recall from memory” when “Location services was
 14 switched ‘Off’ on the Settings menu on the device” and when it was “On”; she could not say when
 15 applications had the capacity to request location. Rummage Decl. Ex. 3 (Resp. to Int. 6).

16 Finally, Ms. Cousineau updated her phone to Windows Phone 7.5, which eliminated the
 17 unexpected Camera behavior. *See* Lydick Decl. ¶ 3. Ms. Cousineau kept no record of when she
 18 updated to Windows Phone 7.5, but she did so before responding to discovery in December 2012.
 19 Rummage Decl. Ex. 3 (Resp. to Int. 5) (phone running “operating system version 7.10.7720.68”);
 20 Lee Decl. ¶ 4 (confirming version 7.10.7720.68 is Windows Phone 7.5). Her phone was running
 21 Windows Phone 7.5 at her deposition in March 2013. Cousineau Dep. (3/13) 39:19-41:6. She
 22 even testified Windows Phone 7.5 was on the phone when Mr. Dua bought it, *id.*, but that is
 23 impossible: Microsoft released Windows Phone 7.5 **after** Ms. Cousineau sued. Lee Decl. ¶ 3. In
 24 any event, she was “unable to identify all prior operating systems that were run on the device or
 25 the dates each was installed and replaced.” Rummage Decl. Ex. 3 (Resp. to Int. 5).

26 Based on this testimony, no one can tell when (if ever) Ms. Cousineau, while using
 27 Windows Phone 7, denied the Camera permission to use location by hitting “cancel” and then

1 used the Camera while the master location switch was in the “on” position.⁶

2 **E. Ms. Cousineau’s Class Certification Motion**

3 Ms. Cousineau’s Motion asks the Court to certify the following class:

4 All WM7 [i.e., Windows Phone 7] Users who denied the Camera Application access
5 to their location information, and then used the Camera Application with the Master
Location Switch turned “on.”

6 Mot. 1:23-24. In plain words, Ms. Cousineau seeks to represent Windows Phone users (a) whose
7 phones were running Windows Phone 7; (b) hit “cancel” when presented with the Camera location
8 consent dialogue; and (c) used the Camera with the master location switch turned “on”—even
9 though Ms. Cousineau was unable to testify she satisfied those requirements.

10 This definition differs sharply from the class definition in Ms. Cousineau’s pleadings. In
11 her TAC, Ms. Cousineau proposed the following class:

12 All persons in the United States who, prior to August 31, 2011, denied their
13 Windows Phone 7 camera application access to their location information, and
unwittingly had their geolocation data transmitted to Microsoft’s servers.

14 TAC [Dkt. 64] ¶ 34 (emphasis added). The new definition abandons the requirement that
15 “geolocation data [be] transmitted to Microsoft’s servers,” thus including Windows Phone 7 users
16 who had ***no*** location data transmitted to Microsoft. It abandons the requirement that users
17 transmit data to Microsoft “unwittingly,” thus including users who knew they were transmitting
18 location data to Microsoft. And finally, it abandons any temporal limitation, sweeping into the
19 proposed class those who used the Camera application after reading Microsoft’s **IMPORTANT**
20 **NOTICE**, which cautioned users about the Camera behavior and reminded them how to switch
21 location services “off” to avoid transmitting location data. Rummage Decl. ¶ 2 & Exs. 1, 2.

22 **III. ARGUMENT**

23 “The class action is an exception to the usual rule that litigation is conducted by and on
24 behalf of the individual named parties only. To come within the exception, a party seeking to

25 ⁶ Hoping to neutralize this crippling testimony, Ms. Cousineau’s Declaration attaches documents suggesting her
26 location master switch ***must*** have been “on” at some point—because she used location services twice in August 2011,
27 and once each in October 2011 and August 2012, the latter two after the release of Windows Phone 7.5. Cousineau
Decl. [Dkt. 72-26] ¶¶ 3-6; Balabanian Decl. Exs. Q-T [Dkts. 72-27-72-30]. But location services were turned “off” at
the ***only*** time anyone could observe the settings on Ms. Cousineau’s phone, i.e., during her deposition. The
Declaration therefore contradicts her testimony she never changed her settings and raises an ***individual*** fact issue as to
whether, when, and how often she did so. Further, nothing in her Declaration addresses her inability to say whether
she hit “cancel” when the Camera consent dialogue appeared—or clarifies when she updated to Windows Phone 7.5.

1 maintain a class action must affirmatively demonstrate his compliance with Rule 23.” *Comcast*
 2 *Corp. v. Behrend*, 133 S. Ct. 1426, 1432 (2013) (quotations and marks omitted). “Rule 23 does
 3 not set forth a mere pleading standard. A party seeking class certification … must be prepared to
 4 prove that there are *in fact* sufficiently numerous parties, common questions of law or fact, etc.”
 5 *Wal-Mart Stores, Inc. v. Dukes*, 131 S. Ct. 2541, 2551 (2011). The Rule does not “establish an
 6 entitlement to class proceedings for the vindication of statutory rights” but “imposes stringent
 7 requirements for certification that in practice exclude most claims.” *Am. Express Co. v. Italian*
 8 *Colors Rest.*, 133 S. Ct. 2304, 2309-10 (2013). Further, the Court must conduct a “rigorous
 9 analysis” of the Rule 23 prerequisites before deciding whether to certify a class. *Gen. Tel. Co. of*
 10 *Sw. v. Falcon*, 457 U.S. 147, 161 (1982). “Frequently that ‘rigorous analysis’ will entail some
 11 overlap with the merits of the plaintiff’s underlying claim. That cannot be helped.” *Dukes*, 131 S.
 12 Ct. at 2551; *see also Hanon v. Dataprods. Corp.*, 976 F.2d 497, 509 (9th Cir. 1992) (same). Thus,
 13 the Court must look beyond the pleadings to “understand the claims, defenses, relevant facts, and
 14 applicable substantive law in order to make a meaningful determination of the class certification
 15 issues.” *Castano v. Am. Tobacco Co.*, 84 F.3d 734, 744 (5th Cir. 1996); *LaCasse v. Wash. Mut.,*
 16 *Inc.*, 198 F. Supp. 2d 1255, 1260-61 (W.D. Wash. 2002).

17 Ms. Cousineau “bears the burden of demonstrating that she has met each of the four
 18 requirements of Rule 23(a) and at least one of the requirements of Rule 23(b).” *Zinser v. Accufix*
 19 *Research Inst., Inc.*, 253 F.3d 1180, 1186 (9th Cir. 2001) (citation omitted). “If a court is not fully
 20 satisfied that the requirements of Rules 23(a) and (b) have been met, certification should be
 21 refused.” *Fosmire v. Progressive Max Ins. Co.*, 277 F.R.D. 625, 632 (W.D. Wash. 2011).

22 **A. Ms. Cousineau Cannot Establish Commonality, Predominance, or Superiority.**

23 Rule 23(a)(2) requires Ms. Cousineau to show “questions of law or fact common to the
 24 class.” Further, Ms. Cousineau seeks certification under Rule 23(b)(3), which requires her to
 25 prove these common issues “predominate over any questions affecting only individual members,
 26 and that a class action is superior to other available methods for fairly and efficiently adjudicating
 27 the controversy.” Microsoft analyzes commonality, predominance, and superiority together.

1 To establish commonality under Rule 23(a)(2), a plaintiff must prove a class proceeding
 2 has “the capacity … to generate common answers apt to drive the resolution of the litigation.”
 3 *Dukes*, 131 S. Ct. at 2551 (internal marks, citation omitted). A plaintiff cannot show commonality
 4 by reciting common questions, “even in droves”; instead, a court must focus on whether the
 5 answers to those common questions will “drive the resolution of the litigation.” *Id.* See also
 6 *Wang v. Chinese Daily News, Inc.*, -- F.3d --, 2013 WL 4712728, *3 (9th Cir. Sept. 3, 2013)
 7 (quoting *Dukes*). Further, “Rule 23(b)(3)’s predominance criterion is even more demanding than
 8 Rule 23(a).” *Comcast*, 133 S. Ct. at 1432. “The predominance analysis under Rule 23(b)(3)
 9 focuses on the relationship between the common and individual issues in the case and tests
 10 whether proposed classes are sufficiently cohesive to warrant adjudication by representation.”
 11 *Wang*, 2013 WL 4712728, at *5 (internal marks, citation omitted). A plaintiff satisfies Rule
 12 23(b)(3)’s superiority requirement only if “classwide litigation of common issues will reduce
 13 litigation costs and promote greater efficiency” and “no realistic alternative exists” to class
 14 resolution. *Valentino v. Carter-Wallace, Inc.*, 97 F.3d 1227, 1234-35 (9th Cir. 1996).

15 A plaintiff does not carry her burden on predominance and superiority by merely showing
 16 a defendant’s conduct involves a “common nucleus of facts”; rather, “[i]f each class member has
 17 to litigate numerous and substantial separate issues to establish his or her right to recover
 18 individually, a class action is not ‘superior.’” *Zinser*, 253 F.3d at 1192 (affirming denial of class
 19 certification). Thus, common issues do not predominate, and a class action is not superior, if “the
 20 success or failure of every class member’s claim depends on individualized proof.” *Boucher v.*
First Am. Title Ins. Co., 2012 WL 3023316, *4 (W.D. Wash. 2012).

21

22 **1. Individual Issues Predominate on Ms. Cousineau’s Pleaded SCA Claim
 23 Because She Cannot Prove on a Class Basis Whether Microsoft
 24 Collected Any Windows Phone 7 User’s Location Information.**

25 The analysis of commonality and predominance “begins, of course, with the elements of
 26 the underlying cause of action.” *Erica P. John Fund, Inc. v. Halliburton Co.*, 131 S. Ct. 2179,
 27 2184 (2011). Ms. Cousineau pleads a single claim for an alleged violation of Section 2701 of the
 SCA, which makes it an offense for someone to (1) access “without authorization a facility

1 through which an electronic communication service is provided” or (2) exceed “an authorization
 2 to access that facility,” thereby obtaining “access to a wire or electronic communication while it is
 3 in electronic storage in such system.” 18 U.S.C. § 2701(a). Under Section 2707 of the SCA, “the
 4 person or entity” who violates Section 2701 may be liable in a civil action. 18 U.S.C. § 2707(a).

5 As the basis for her SCA claim, Ms. Cousineau’s TAC repeatedly alleges “Microsoft
 6 consciously designed its OS to siphon geographic location information from the device revealing
 7 the user’s specific whereabouts and transmit this data to Microsoft’s servers.” TAC [Dkt. 64] ¶ 1
 8 at 2:7-8. *See also id.* 3:20-21; 5:6-8; 6:10-11, 6:21-22, 7:14-15 (all alleging transmittal of location
 9 information to servers); Opp. to MTD [Dkt. 25] 11:19-20 (arguing Microsoft “accessed and
 10 transmitted [her] location data while she used the camera application in defiance of her request not
 11 to be tracked”). She alleges Microsoft violated the SCA by “**collecting location data** from the
 12 stored file on [her] mobile device[] through the camera application, despite the fact that [she]
 13 expressly denied Microsoft access to that information.” TAC ¶¶ 46, 47 (emphasis added).

14 But “the success or failure of every class member’s claim [under this theory] depends on
 15 individualized proof,” *Boucher*, 2012 WL 3023316, *4, making class certification improper.
 16 Ms. Cousineau cannot establish through class-wide proof whether Microsoft collected location
 17 information from **any** class member, much less **every** class member. As her expert concedes, the
 18 Windows Phone 7 operating system first seeks to resolve location requests by searching RAM **on**
 19 **the device**, without transmitting **any** information to Microsoft’s servers. Snead Dep. 96:16-97:5.
 20 *See also id.* 39:3-12; 49:16-24; 53:2-9; 54:7-13; 61:19-62:7; 69:19-24; 104:2-16; 105:2-17. As a
 21 result, one can tell whether a particular location request caused a device to transmit location data
 22 to Microsoft (thus allowing Microsoft to collect the data, as the TAC alleges, ¶¶ 46, 47) **only** by
 23 knowing whether that device’s RAM at that moment contained the data necessary to resolve the
 24 request without transmitting data—a question one could answer, if at all, only through detailed
 25 individual factual analysis.⁷ *See del Amo Casado Decl.* ¶¶ 10-12. And even if RAM lacked the

26 ⁷ At trial, complex individual issues would predominate, as the finder of fact seeks to determine whether each user’s
 27 Windows Phone 7 device transmitted location data to Microsoft as a result of the Camera behavior. The other
 common issues Ms. Cousineau identifies (i.e., whether a phone is a “facility” and whether location data resides in
 “electronic storage” under the SCA) present issues of law sure to be decided well before trial.

1 information necessary to resolve location, the Windows Phone 7 device would not transmit a
 2 request to Microsoft's servers if it failed to "see" any cell towers or WiFi routers—as would be the
 3 case, for example, if the user were camping in a remote location. *Id.* ¶ 15. Different individual
 4 variables also affect whether, in a given instance, Windows Phone 7 crowd sources location data
 5 back to Microsoft to improve its location database. *Id.* ¶ 18. *See* Snead Dep. 97:6-97:20; 120:1-5.

6 In short, "[i]n many common circumstances, a location request will not result in any
 7 communication to Microsoft's Orion location service, either to resolve the location request or to
 8 crowd source data that might be obtained as a result of the location request." Del Amo Casado
 9 Decl. ¶ 20. Determining whether any individual Windows Phone 7 device transmitted location
 10 data to Microsoft in response to the Camera application's request—the predicate for the SCA
 11 claim in Ms. Cousineau's complaints—thus requires individual proof of the exact circumstances in
 12 which the Camera application requested location. *Id.* ¶¶ 11-18 (describing variables).

13 Ms. Cousineau's Motion ***concedes these facts***, and they make it impossible to certify a
 14 class to pursue her pleaded claim Microsoft violated the SCA by causing Windows Phone 7 users
 15 unwittingly to transmit location information to Microsoft. No one could prove whether any user
 16 "had their geolocation data transmitted to Microsoft's servers," TAC [Dkt. 64] ¶ 34, without user-
 17 specific testimony about the circumstances surrounding each time the user opened the Camera
 18 application to determine whether, on that occasion, a transmission to Microsoft occurred.

19 For that reason, Ms. Cousineau's Motion makes no effort to certify a class to pursue the
 20 SCA claim pleaded in her TAC, i.e., a claim predicated on the transmission of location data to
 21 Microsoft. That should resolve the Motion; the Court should deny class certification on that basis.

22 **2. The Court Should Deny Certification of Ms. Cousineau's Unpledged
 23 SCA Theory because (a) She Failed to Plead It and (b) Pursuit of That
 24 Claim on a Class Basis Would Be Futile.**

25 Unable to argue for a class to pursue the SCA claim she pleaded in her four complaints,
 26 Ms. Cousineau's Motion advocates a new (and preposterous) SCA claim. Her new theory rests on
 27 the premise Microsoft violated the SCA because "the code that Microsoft wrote," ***not*** Microsoft
 itself, "is accessing RAM" ***on the device***. Snead Dep. 36:15-16 (Rummage Decl. Ex. 11). In

1 other words, Ms. Cousineau now argues Microsoft violated the SCA merely because “Location
 2 Framework, a piece of software[,] accesses the RAM,” and “Microsoft wrote th[at] software”—
 3 even though Microsoft itself does not access the contents of any files in RAM on the user’s
 4 device. Snead Dep. 38:11-22. *See id.* 111:20-23. The new theory “doesn’t necessarily mean that
 5 information is transmitted to Microsoft or anywhere else off the device,” *id.* 113:7-14; instead, it
 6 depends on processes occurring on the phone itself, without transmitting to Microsoft (or giving it
 7 access to) location data. Ms. Cousineau claims this theory raises common issues because a request
 8 for location “always looked to the recent location information stored in RAM.” Mot. 17:6-7.

9 Ms. Cousineau did not plead anything close to this. Rather, the TAC alleges a single SCA
 10 claim based on unwitting *transmission* (and *collection* by Microsoft’s servers) of allegedly private
 11 location information—without once claiming Microsoft violated the SCA merely because a
 12 software component on Ms. Cousineau’s phone accessed RAM, also on the device. *See* TAC
 13 [Dkt. 64] ¶¶ 1, 3, 6, 7, 17, 24, 26, 29, 34. The operative SCA allegations claim Microsoft violated
 14 the statute “by collecting location data from the stored file on Plaintiff’s and the Class’s mobile
 15 devices through the camera application, despite the fact that the users expressly denied Microsoft
 16 access to that information.” TAC [Dkt. 64] ¶¶ 46, 47. Nothing in the TAC suggests Microsoft
 17 violated the SCA by programming its software to resolve location requests efficiently on the
 18 phone itself *without* transmitting (or giving access to) data to Microsoft.

19 Ms. Cousineau “may not certify a class based on claims not asserted in the complaint.”⁸
 20 *Waine-Golston v. Time Warner Entertainment-Advance/New House P’ship*, 2012 WL 6591610, *3
 21 (S.D. Cal. 2012) (citing *Anderson v. U.S. Dep’t of Hous. & Urban Dev.*, 554 F.3d 525, 528-29
 22 (5th Cir. 2008); *Trinidad v. Victaulic Co. of Am.*, 1986 WL 276, *3 (E.D. Pa. 1986)). *See also*
 23 *Simington v. Lease Fin. Group, LLC*, 2012 WL 6681735, *8 (S.D.N.Y. 2012) (“This Court cannot
 24 certify a class to litigate a claim not pled.”) (citations omitted); *Evans v. IAC/Interactive Corp.*,
 25 244 F.R.D. 568, 571 (C.D. Cal. 2007) (refusing to consider unpled theories first advanced in

26 ⁸ Shortly before her Motion, Ms. Cousineau’s counsel notified Microsoft she intended to seek certification of the class
 27 defined in her Motion rather than as defined in the TAC. Rummage Decl. Ex. 13. But what her counsel called a
 “slight mismatch” between the TAC’s class definition and the Motion’s, *id.*, did not suggest Ms. Cousineau would
 seek certification of a new SCA claim—and Microsoft did not consent to the assertion of such a new claim.

1 class certification motion). The reason is simple: Microsoft had the right to test Ms. Cousineau's
 2 legal theory on the SCA through a motion to dismiss *before* addressing class certification. By
 3 asking the Court to certify a class to pursue an unpledged claim, Ms. Cousineau seeks to execute
 4 an end run around her obligation to first plead a plausible claim under *Bell Atlantic Corporation v.*
 5 *Twombly*, 550 U.S. 544, 559 (2007), and to deprive Microsoft of its right to move against that
 6 unpledged claim under Rule 12(b)(6).

7 Further, the Court should decline to allow Ms. Cousineau to amend her pleading sub rosa
 8 to set forth this new theory, which has no basis in the SCA, the case law, or common sense.
 9 Congress passed the SCA "to protect [against] potential intrusions on individual privacy." *Garcia*
 10 *v. City of Laredo*, 702 F.3d 788, 791 (5th Cir. 2012), *cert. denied*, 133 S. Ct. 2859 (2013). It
 11 makes a "person or entity" liable only for obtaining "access to a wire or electronic communication
 12 while it is in electronic storage." 18 U.S.C. §§ 2701(a), 2707(a). Nothing in the statute or the
 13 cases supports reading the SCA to make a software developer liable for statutory damages for
 14 writing code allowing *a software component* on a user's device access to data, without sending
 15 that data "anywhere ... off the device," Snead Dep. 113:7-14, without making the data accessible
 16 to anyone other than the user, and without jeopardizing the privacy interests the SCA protects.

17 Hoping to avoid scrutiny of the obvious deficiencies in her new claim (and ignoring the
 18 requirement for rigorous scrutiny of class certification motions), Ms. Cousineau urges the Court to
 19 consider the predominance of common issues on her new theory "without evaluating the theory
 20 itself." Mot. 21:2-3 (citing *U.S. Steel, Paper, & Forestry, Rubber, Mfg. Energy Allied Indus. &*
 21 *Serv. Workers Int'l Union v. ConocoPhillips Co.*, 593 F.3d 802, 808 (9th Cir. 2010)). But
 22 *ConocoPhillips* does *not* require the Court "to accept Plaintiff's theory of liability for the purpose
 23 of class certification, no matter how erroneous it may be." *Edwards v. First Am. Corp.*, 2012 WL
 24 6963359, *5 (C.D. Cal. 2012). Instead, *ConocoPhillips* cautions courts against requiring
 25 "assurances" a plaintiff will prevail as a prerequisite to certification. A court may, on the other
 26 hand, decline to certify a class on a theory that "would ... be an exercise in futility and a waste of
 27 both the Court and the parties' resources." *Id.* (denying certification on theory "contravened by

1 the language of RESPA, its implementing regulations, and Ninth Circuit precedent").

2 Certifying a class under Ms. Cousineau's unpleaded SCA theory would be an exercise in
 3 futility and a waste of resources. The Court should decline to indulge the fiction that Ms.
 4 Cousineau's Motion seeks certification of a viable SCA claim based on a software component's
 5 access to data on a user's mobile device—without transmission to or collection by Microsoft.⁹

6 **B. Ms. Cousineau Has Not Provided Any Manageable Way to Ascertain Class
 Membership, and She Has Not Carried Her Burden of Proving Numerosity.**

7 Even if the Court were to allow Ms. Cousineau to seek certification of a class to pursue a
 8 claim she never pleaded, she must show she has defined a class whose members (a) can be
 9 identified in a manageable way through objective criteria and (b) are so numerous that joinder is
 10 infeasible. Even under her new theory, Ms. Cousineau cannot carry her burden on either point.

11 **1. Ms. Cousineau Has Not Shown a Manageable Way to Ascertain Who
 Belongs within the Proposed Class.**

12 A putative class representative must propose an ascertainable class as "an essential
 13 prerequisite" to class certification. *Marcus v. BMW of N. Am., LLC*, 687 F.3d 583, 592 (3d Cir.
 14 2012). To establish an ascertainable class, Ms. Cousineau must show class members can be
 15 identified using "precise, objective" criteria. *Williams v. Oberon Media, Inc.*, 2012 WL 562726,
 16 *1 (9th Cir. 2012) (affirming denial of certification based in part on ascertainability); *Cottle-Banks*
 17 v. *Cox Commc'ns, Inc.*, 2013 WL 2244333, *9 (S.D. Cal. 2013). Further, Ms. Cousineau must
 18 provide "a reliable and administratively feasible mechanism for determining whether putative
 19 class members fall within the class definition." *Hayes v. Wal-Mart Stores, Inc.*, 725 F.3d 349, 355
 20 (3d Cir. 2013) (citation omitted). See also *Agne v. Papa John's Intern., Inc.*, 286 F.R.D. 559, 566
 21 (W.D. Wash. 2012) (Coughenour, J.) (class definition must make it "administratively feasible" to

22 _____
 23 ⁹ At an appropriate time, Microsoft expects to seek summary judgment. In addition to discussing Ms. Cousineau's
 24 new SCA theory, the motion will explain why Ms. Cousineau's phone fails to qualify as "a facility through which an
 25 electronic communication service is provided" and address her inability to show Microsoft, through the Camera
 26 behavior, gained access to any electronic communication while in "intermediate" storage "incidental to [an] electronic
 27 transmission." 18 U.S.C. § 2510(17)(A). The Court previously found these issues would benefit from a more
 "developed factual record." Order [Dkt. 47] 4:2. Because Ms. Cousineau's lawyers have reviewed source code and
 taken depositions, these issues are ripe for resolution. SCA case law has continued to evolve since the Court's orders
 last year: courts have, with increasing frequency, held devices similar to the Windows Phone 7 device fail to satisfy
 the statutory definition of a "facility." See, e.g., *Garcia*, 702 F.3d at 793 (mobile devices not facilities "just because
 the device enables use of electronic communications services"); *Lazette v. Kulmatycki*, 2013 WL 2455937, *5 (N.D.
 Ohio 2013) ("the better, more sensible, and harmonious reading of the SCA is that ... a blackberry or cell phone, is
 not a 'facility' within §2701(a)(1)"). See also *Roadlink Workforce Solutions LLC v. Malpass*, 2013 U.S. Dist. LEXIS
 133786, *10 (W.D. Wash. 2013) (personal computer not a "facility").

1 ascertain class members) (quotation omitted); *Z.D. ex rel. J.D. v. Group Health Co-op*, 2012 WL
 2 1977962, *13 (W.D. Wash. 2012) (denying certification in part given “difficulty in ascertaining”
 3 class); *Deitz v. Comcast Corp.*, 2007 WL 2015440, *8 (N.D. Cal. 2007).

4 Ms. Cousineau admits she must show “a prospective plaintiff could easily identify himself
 5 or herself as having a right to recovery based on the description in the class definition.” Mot.
 6 9:11-13 (citations omitted). Here, she argues “two objective criteria govern whether a given
 7 WM7 User is included in the Class: (1) that User must have denied Camera permission to ‘use
 8 [his/her] location’ and thereafter (2) used Camera with the WM7 Master Location Switch in the
 9 default ‘on’ position.” Mot. 10:1-3.¹⁰ She claims the Court (and any member of the putative
 10 class) can “easily” ascertain class membership “because both inquiries rely entirely on information
 11 within each prospective Class members’ knowledge, … [and] all such individuals can determine
 12 whether they have a right to recovery if Plaintiff prevails on her SCA claim.” *Id.* 10:18-22.

13 But the record flatly contradicts these glib assurances, showing class members are unlikely
 14 to know whether they fit within Ms. Cousineau’s proposed class. Testimony from her survey
 15 expert, Nathan Good, proves the point, emphasizing the difficulty potential class members have in
 16 recalling what operating system their phones ran, where they positioned their master location
 17 switch, and what they did when asked whether to allow the Camera to use location information.
 18 Dr. Good surveyed 1,057 smartphone users, asking about behaviors relating to location. *See* Good
 19 Rep. [Dkt 72-22] 3:6-7 & Ex. 3. Of the participants, only four might have been Windows Phone 7
 20 users—and ***none*** of the four could answer the questions necessary to establish class membership:
 21 one said she was “unsure” which Windows Phone operating system she had but thought it was
 22 “Windows phone 7,” Good Dep. 37:11-14 (Rummage Decl. Ex. 12); another said she selected “no
 23 location” on her Windows Phone 7, meaning she turned the master location switch “off,”
 24 disqualifying her from class membership, *id.* 39:11-24; a third said he “sometimes” turned on the
 25 master location switch, making class membership uncertain absent individual testimony as to

26 ¹⁰ In addition to the two criteria listed in the text, a user must remember she was running Windows Phone 7—not
 27 Windows Phone 7.5—when she accessed the Camera. Mot. 1:23-24 (defining class to include only “WM7 users”).
 Because Microsoft in September 2011 released the Windows Phone 7.5 update resolving the Camera location issue,
 someone who used the Camera only *after* updating to Windows Phone 7.5 is not within the proposed class.

1 where the switch was positioned when using the Camera, *id.* 41:2-42:2; and the fourth answered
 2 “don’t know” when asked whether she allows her phone to use location at all, *id.* 42:12-21.

3 Dr. Good conceded this uncertainty would be consistent across the proposed class:

4 Windows Mobile Phone 7 stopped being widely deployed back in 2011, so ***it would be difficult to have people recall what they were doing back***—memory studies
 5 generally aren’t very good; they’re ***not very reliable***.

6 Good Dep. 51:22-52:1 (emphasis added). Individual testimony corroborates Dr. Good’s opinion.

7 Ms. Cousineau could not say (a) when she had Windows Phone 7, as the class definition requires,
 8 and when she updated to Windows Phone 7.5, Cousineau Dep. (3/13) 39:19-41:6; Rummage Decl.
 9 Ex. 3 (Resp. to Int. 5); (b) when her master location switch was turned “off” and when it was “on,”
 10 Cousineau Dep. (3/13) 61:10-61:18; Rummage Decl. Ex. 3 (Resp. to Int. 6); and (c) whether she
 11 ***ever*** hit “cancel” on the location consent dialogue, rather than dismissing it by pressing the “back”
 12 (“←”) button, Cousineau Dep. (8/1) 10:2-5. Further, Ms. Cousineau’s source code expert likewise
 13 owned a Windows Phone but could not recall whether he (a) had Windows Phone 7 or Windows
 14 Phone 7.5, Snead Dep. 30:15-17, or (b) touched “allow” or “cancel” when asked whether to allow
 15 the Camera to use his location. *Id.* 32:6-15. In short, contrary to the unsupported assertions in the
 16 Motion, the ***evidence*** shows the absence of a reliable means of identifying class members.

17 This situation parallels *In re Phenylpropanolamine (PPA) Products Liability Litigation*,
 18 214 F.R.D. 614 (W.D. Wash. 2003). In PPA, plaintiffs sought to certify a class of all consumers
 19 “who purchased and still possessed unused portions of non-expired PPA products as of November
 20 6, 2000.” *Id.* at 615. Plaintiffs proposed to establish class membership using “a proof of claim
 21 process in which class members supply either physical proof of purchase and possession, such as
 22 the actual product, product packaging, or a receipt, or submit a certified oath or verification
 23 attesting to purchase and possession.” *Id.* at 617. Judge Rothstein rejected plaintiffs’ proposal.

24 [T]he court finds itself ... concerned with the vagaries of memory. ... [U]sing the
 25 named plaintiffs as a marker, only a quarter of the class, at most, would likely
 26 possess any physical proof of purchase. A determination as to the remainder of the
 27 class would rely on the memories of those individuals as to the types, amounts, and
 expiration dates of medication they possessed over two years ago.

Id. at 617. Judge Rothstein noted the class representatives testified they “could not recall” some

1 facts essential to class membership and “admitted confusion” as to others. *Id.* at 618-19. She
 2 found it “unrealistic to suppose that defendants will accept sworn oaths or affidavits under these
 3 circumstances”—and the Court likewise declined to do so. *Id.* at 619. Instead, the Court found
 4 “the individualized inquiries surrounding class identification would be prodigious and would defy
 5 the court’s ability to effectively and efficiently manage the litigation.” *Id.* at 619-20. *See Hardy v.*
 6 *City Optical Inc.*, 39 F.3d 765, 771 (7th Cir. 1994) (class denied where fact finding required to
 7 determine who requested contact lens specifications).

8 The Third Circuit recently followed Judge Rothstein in reversing class certification based
 9 on the failure to propose a class ascertainable through a manageable process. In *Carrera v. Bayer*
 10 *Corp.*, 2013 U.S. App. LEXIS 17479 (3d Cir. 2013), plaintiff alleged Bayer falsely advertised a
 11 multivitamin as having weight-loss properties. But plaintiff offered “no evidence that a single
 12 purchaser of [the vitamins] could be identified using records of customer membership cards or
 13 records of online sales,” making it impossible to determine class membership through records. *Id.*
 14 at *16. Like Ms. Cousineau, plaintiff suggested he could “use affidavits of class members” to
 15 prove class membership. Citing *PPA*, the Third Circuit held the proposal “does not address a core
 16 concern of ascertainability: that a defendant must be able to challenge class membership,”
 17 especially “where the named plaintiff’s deposition testimony suggested that individuals will have
 18 difficulty accurately recalling their purchases of [the product].” *Id.* at *17 (citing *PPA*).
 19 “Ascertainability provides due process by requiring that a defendant be able to test the reliability
 20 of the evidence submitted to prove class membership.” *Id.* at *13.

21 The facts here make class membership even more difficult to prove—or to test. Although
 22 a material portion of the proposed class in *PPA* likely had “physical proof” of class membership,
 23 **no** potential class member here will have physical proof of the prerequisites to membership—
 24 because it cannot exist. To establish class membership, a user will need to **remember** (a) if she
 25 bought a Windows Phone 7 device, whether and when she upgraded to Windows Phone 7.5; (b)
 26 whether she used the Camera application before upgrading to Windows Phone 7.5; (c) whether she
 27 left the master location services switch “on” when using the Camera while running Windows

1 Phone 7; and (d) whether she hit “cancel” when asked “Allow the Camera to use your location?”
 2 As explained above, Ms. Cousineau could not recall if she met these criteria; Mr. Snead, her
 3 technical expert, could not recall; and Dr. Good called this approach “not very reliable” and said
 4 “it would be difficult to have people recall what they were doing back” in 2010 and 2011.¹¹

5 This Court should reach the same conclusion as Judge Rothstein in *PPA*. “[T]he
 6 individualized inquiries surrounding class identification would be prodigious and would defy the
 7 court’s ability to effectively and efficiently manage the litigation.” *PPA*, 214 F.R.D. at 619-20.¹²

8 2. **Ms. Cousineau Has Not Carried Her Burden to Establish Numerosity.**

9 Under Rule 23(a)(1), Ms. Cousineau also must show her proposed class “is so numerous
 10 that joinder of all members is impracticable.” Numerosity “must be positively shown, and cannot
 11 be speculative.” *Golden v. City of Columbus*, 404 F.3d 950, 965-66 (6th Cir. 2005) (quotation
 12 omitted). A proposed class representative cannot satisfy this requirement by asserting the class
 13 **must** be numerous because the defendant is a large business. The problem with “this numerosity-
 14 by-assumption approach is that it makes any corporation with a large number of customers
 15 vulnerable to a class action” without evidence the challenged conduct affected a large number of
 16 people. *Boucher v. First Am. Title Ins. Co.*, 2011 WL 1655598, *7 (W.D. Wash. 2011); *Marcus*,
 17 687 F.3d at 597; *Celano v. Marriott Int’l, Inc.*, 242 F.R.D. 544, 550 (N.D. Cal. 2007).

18 Here, Ms. Cousineau retained Dr. Good to buttress her numerosity argument. He surveyed

19 ¹¹ The two cases on which Ms. Cousineau primarily relies—*Parkinson v. Hyundai Motor Am.*, 258 F.R.D. 580, 593
 20 (C.D. Cal. 2008), and *Pigford v. Glickman* 182 F.R.D. 341, 346 (D.D.C. 1998)—did not involve expert testimony
 21 establishing a lack of reliability or a class representative unable to attest to facts establishing class membership. She
 22 also cites *CE Design v. Beaty Const. Inc.* 2009 WL 192481 (N.D. Ill. 2009), but in that case, after the Seventh Circuit
 23 granted Rule 23(f) review based on ascertainability issues, the plaintiff **stipulated to decertification**, settled for a total
 24 of \$5,000.00, and dismissed its case before the Seventh Circuit could rule. Rummage Decl. Ex. 14.

25 ¹² A fact finder would need to resolve additional individual issues for any person who used the Windows Phone 7
 26 Camera application after Ms. Cousineau sued and publicized the Camera behavior. The individual issues become
 27 more prominent after September 2011, when Microsoft posted an **IMPORTANT NOTICE** describing the Camera
 behavior and telling users how to avoid it. See Rummage Decl. ¶ 2 & Exs. 1, 2. If users left the master location
 switch “on” while using the Camera after becoming aware of the behavior, they accepted that behavior. *In re Intel
 Laptop Battery Litig.*, 2011 WL 7290487, *2 (N.D. Cal. 2011) (awareness of defendant’s practices and how to avoid
 them “precludes [plaintiff] from showing a likelihood of being injured in the future by those practices”); *Robinson v.
 Hornell Brewing Co.*, 2012 WL 1232188, *6 (D.N.J. 2012) (“[T]he Court affords the Plaintiff the dignity of assuming
 he will act rationally in light of the information he possesses.”). Any claim arising from use of the Camera after the
 lawsuit therefore requires individual testimony to determine what the user knew—as Ms. Cousineau recognized in the
 proposed class alleged in her complaints. See, e.g., TAC [Dkt. 64] ¶34 (defining class to include only users “who,
 prior to August 31, 2011, denied their Windows Phone 7 camera application access to their location information, and
 unwittingly had their geolocation data transmitted to Microsoft’s servers”) (emphasis added). Even if the Court were
 to certify a class, it should retain the temporal limitation from the TAC to avoid those individual issues.

1 1,057 ***current*** smart phone users to discern their “location sharing preferences for their
 2 smartphones.” Good Rep. [Dkt. 72-22] 3:6-7. Over 93% of the participants used the Google
 3 Android (574 participants) or Apple iOS (406 participants) operating system on their phones—***not***
 4 Windows Phone. *Id.* [Dkt. 72-22] Ex. 3. Only 38 survey participants (about 3.6%) reported they
 5 had a Windows Phone operating system—and only ***three*** reported they had Windows Phone 7,
 6 while a fourth reported he was “unsure” but identified Windows Phone 7. Good Dep. 37:11-
 7 42:24. Dr. Good asked participants about their ***current*** practices as to location controls—not their
 8 practices between late 2010, when Windows Phone 7 was released, and September 2011, when the
 9 Windows Phone 7.5 update resolved the Camera issue. Good Dep. 20:8-21:19. Ms. Cousineau
 10 argues Dr. Good concluded “17.9% of smartphone users—like the putative Class members—use
 11 their phone’s camera application, but deny it access to their location ***while leaving their phone’s***
 12 ***location functionality enabled.***” Mot. 12:2-4 (emphasis added).

13 But in fact, Dr. Good did not reach any such conclusion—and the conclusion he did reach
 14 has no bearing on numerosity of ***this*** proposed class. According to Dr. Good:

15 I will be prepared to testify primarily that approximately 17.9% of users from the
 16 survey [i.e., consisting almost entirely of current Google and Apple smartphone
 17 users] stated that they (1) use their smartphone’s camera application to take pictures,
 18 (2) use location services on their smartphone, (3) discriminate between applications
 19 they permit to access location services on their smartphone, and (4) disallow their
 20 smartphone’s camera application access to location services.

21 Good Rep. 3:10-15. But Ms. Cousineau’s class definition requires more than a user who
 22 distinguishes among applications and “disallow[s]” the Camera’s access to location services, as
 23 Dr. Good puts it; rather, to satisfy Ms. Cousineau’s class definition, the user must keep the master
 24 location switch “on” while ***simultaneously*** denying the Camera access to location. *See* Mot. 1:23-
 25 24. Dr. Good failed to ask whether ***any*** user in 2010-2011 did what the class definition requires.

26 In fact, Dr. Good had no idea a Windows Phone 7 user could keep the master location
 27 switch “on” and still deny access to location at the application level. Good Dep. 48:13-50:17.
 (Nothing in his Report explains whether Google and Apple phones allow the master location
 switch to remain “on” while denying an application access to location.) He designed his survey on
 the (incorrect) assumption users chose whether to use location when changing applications by

1 toggling location services “off” and “on” in the phone’s settings. *Id.* 50:13-17. And when he
 2 opined as to numerosity, Dr. Good had in mind a class different from the one now proposed:

3 The number of users who take photos with their smartphones, ***sometimes turn off***
 4 ***Location Services for individual applications*** and do not allow their camera to use
 the Location Services.

5 Good Dep. 45:18-21 (emphasis added). Unlike Ms. Cousineau’s definition, Dr. Good’s says
 6 nothing about “the master location switch [being] turned ‘on’” ***at the time*** the user takes a picture.
 7 As a result, even ignoring the most obvious flaws in the survey (e.g., it considers the behavior of
 8 users of the wrong operating systems—which may not have the same functionality, *see id.* 50:21-
 9 22—in the wrong year), the survey shows ***nothing*** about how many Windows Phone 7 users fall
 10 within the proposed class as Ms. Cousineau now defines it. Ms. Cousineau has not met her burden
 11 to prove (rather than just assume) compliance with Rule 23(a)(1)’s numerosity requirement.

12 C. Ms. Cousineau Is Unable to Show Typicality.

13 Rule 23(a)(3)’s typicality requirement ensures capable representatives protect the interests
 14 of absent class members. *Hanon*, 976 F.2d at 508. “‘The premise of the typicality requirement is
 15 simply stated: as goes the claim of the named plaintiff, so go the claims of the class.’ Where the
 16 premise does not hold true, class treatment is inappropriate.” *O’Connor v. Boeing N. Am., Inc.*,
 17 197 F.R.D. 404, 412 (C.D. Cal. 2000) (quoting *Sprague v. Gen. Motors Corp.*, 133 F.3d 388, 399
 18 (6th Cir. 1998) (en banc)). “If proof of the representatives’ claims would not necessarily prove all
 19 the proposed class members’ claims, the representatives’ claims are not typical of the proposed
 20 members’ claims.” *Brooks v. S. Bell Tel. & Tel. Co.*, 133 F.R.D. 54, 58 (S.D. Fla. 1990). Ms.
 21 Cousineau fails to satisfy this requirement, in two ways:

22 ***First***, typicality requires “a class representative whose core concerns on the subject of the
 23 suit align with those of absent class members.” 1 Joseph M. McLaughlin, **McLAUGHLIN ON**
 24 **CLASS ACTIONS** (9th ed. 2012) § 4.18 at 715. Ms. Cousineau’s “core concerns” have nothing to do
 25 with an arcane SCA claim alleging one component of the software on her phone accessed location
 26 data stored on her phone ***without*** transmitting “that information … to Microsoft or anywhere else
 27 off the device[.]” Snead Dep. 113:7-14. Instead, her concerns revolve around so-called “tracking

1 devices,” Cousineau Dep. (3/13) 13:11-20, because she’s “a very private person,” *id.* 14:20, and
2 does not “want everybody to know where I’m at.” *Id.* 15:2-3. She allowed the use of her name in
3 the complaint because her employer told her Microsoft was “tracking” her and “knows exactly
4 where [she’s] at.” *Id.* 23:10-24:7. Even after filing this Motion, Ms. Cousineau reiterated her
5 concerns as focusing not on software functions, internal to the device, but on her erroneous belief
6 Microsoft knew “precisely where I was at, at exactly precisely the time and place.” Cousineau
7 Dep. (8/1) 9:1-12; *id.* 7:13-14 (“there was a problem with the camera phone, and it was tracking”).
8 Ms. Cousineau’s concerns thus revolve around the core allegation in her four complaints, i.e., she
9 “unwittingly had [her] geolocation data transmitted to Microsoft’s servers.” TAC [Dkt. 64] ¶ 34.
10 Because Ms. Cousineau’s “core concerns” revolve around tracking, which her Motion admits
11 never happened, she is not typical of a class pursuing a claim to address a ***different*** concern.

12 **Second**, a proposed representative subject to unique defenses fails to satisfy the typicality
13 requirement because she may lose for reasons that would not apply to the class as a whole. *E.g.*,
14 *Felts v. Genworth Life Ins. Co.*, 250 F.R.D. 512, 523 (W.D. Wash. 2008); *see Hanon*, 976 F.2d at
15 508. Here, Ms. Cousineau’s claims may fail because she cannot establish she satisfies the criteria
16 for membership in her proposed class, which depends on a user hitting “cancel” when asked
17 “Allow the Camera to use your location?” Indeed, when asked whether she hit “cancel,” as the
18 class definition requires (and as she alleged), Ms. Cousineau testified, “I don’t recall.” Cousineau
19 Dep. (8/1) 10:2-5. Further, membership in the proposed class requires use of the Camera with the
20 master location switch “on”—and the **only** available observation of Ms. Cousineau’s phone shows
21 that switch in the “off” position. Cousineau Dep. (3/13) 42:4-17; *id.* 61:10-18.

IV. CONCLUSION

Microsoft asks the Court to deny Ms. Cousineau's Motion for Class Certification.

DATED this 7th day of October, 2013.

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CERTIFICATE OF SERVICE

I hereby certify that on October 7, 2013, the foregoing *Microsoft's Opposition to Motion for Class Certification* was electronically filed with the Clerk of the Court using the CM/ECF system which will send notification of such filing to all counsel of record who receive CM/ECF notification, and that the remaining parties (if any) shall be served in accordance with the Federal Rules of Civil Procedure.

DATED this 7th day of October, 2013.

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